

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-306961

(43)Date of publication of application : 22.11.1996

(51)Int.Cl. H01L 33/00
F21V 13/04

(21)Application number : 07-129073

(71)Applicant : IWASAKI ELECTRIC CO LTD

(22)Date of filing : 28.04.1995

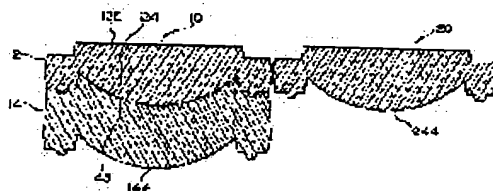
(72)Inventor : SUEHIRO YOSHINOBU
YAMAZAKI SHIGERU
SATO TAKASHI

(54) ASSEMBLED-TYPE LIGHT-EMITTING DIODE

(57)Abstract:

PURPOSE: To provide an assembled-type light-emitting diode which can mix color lights, which are hardly mixed with one another, at a comparatively short distance.

CONSTITUTION: In an assembled-type lightemitting diode, where a plurality of light-emitting diodes are juxtaposed with one another in such a way as to emit lights in roughly the same direction, one of the plurality of light-emitting diodes is a laminated light-emitting diode 10, which is constituted into such a structure that a first light-emitting diode 12 provided with an optical surface 124, which reflects lights emitted by a light-emitting element and a light-emitting element provided so as to oppose to the light-emitting surface of the light-emitting element and at the same time, transmits light entering from the back, and a second light-emitting diode 14 for the last step emit lights in roughly the same direction and is arranged into a laminated form.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japanese Patent Office